

# Project 2100 Pending Study Plan Report Completion Schedule (as of 05-12-04)

Resource Area/Study Report Name	Delivery Date
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## Cultural Resources

C1	F.R. Ethnographic Inventory Internal	06/04
	F.R. Archaeology Inventory Public	06/04
	F.R. Archaeology Inventory Internal	07/04
C2	Draft Cultural Resources Evaluation	03/06
	Final Cultural Resources Evaluation	07/06
	Final FERC Hydro-electric Facilities Historic Architectural Evaluation Report (confidential)	08/04
	Draft Evaluation Report: Oroville Mining District	08/04
	Final Evaluation Report: Oroville Mining District	11/04
	Historic Archaeological Site Reports (36 to 60 sites, no. of reports is unknown)	10/05 or longer
	Prehistoric Archaeological Site Reports (46 to 50 sites, no. of reports is unknown)	unknown
	Draft Traditional Cultural Property (Ethnographic) Evaluation Report	08/04
	Final Traditional Cultural Property (Ethnographic) Evaluation Report	10/04
C3	Draft Cultural Resources Mgmt Plan	09/04
C4	Draft Interpretive Evaluation	09/04

## Engineering and Operations

E2	Performing Modeling Simulations Benchmark study results for CALSIM II, HYDROPS & WQRRS	(ongoing)
E4	F.R. Flood Management	07/04
E8	Temperature Impacts of Pumpback Operations on Oroville Reservoir Cold Water Pool Note: This activity reflects a commitment to collect data related to pump back operations	ongoing
-	I.D. for Engineering Exhibits A-D	04/05

## Environmental-Fisheries

F1	F.R., Evaluation of Project Effects on Non-fish Aquatic Resources	07/04
F2	F.R., Evaluation of Project Effects on Fish Diseases	06/04
F3.1	Eval of Proj Eff on Resident Fish and their Hab within Lake Oroville, it's Upstream Tribs, the Thermalito Complex, and the Oroville Wildlife Area	
	F.R. T1A,-U/S Migration Barriers (sediment plugs)	05/04
	F.R. T1B-Fish species Comp in Lake Oroville's U/S Tributaries	06/04
	F.R. T1C-Comparison of fish distribution to fish habitat distribution	06/04
	F.R. T3B-Characterize Fish Habitat in the Thermalito Diversion Pool & Forebay	05/04
	F.R. T3C- Proj Ops Influencing the Thermalito Diversion Pool & Forebay	05/04
	F.R. T4A-Fish Species Comp & Eval of Juvenile Bass Recruitment in the Afterbay	06/04
	F.R. T4C-Inundated Littoral Hab & Eval Effects of Fluct on Bass Dewatering	06/04
F3.2	Evaluation of Project Effects on Resident Fish and their Habitat in the Feather River Downstream of the Fish barrier Dam	
	F.R. T4 & T5: Comparison of Fish Distrib to Habitat Distrib & Maps (by species)	06/04
	F.R. T3A(3)-Radio Tagging & Tracking for Sturgeon	05/05
	F.R. T3B-Splittail Habitat Assessment	06/04
F5/7	Project Effect of FERC Project Management Plans on a Balanced Fishery of Resident and Anadromous Fish and their Habitat	
	F.R. T1-Eval effects of fisheries management activities on ESA fish species	05/04
	F.R. T2-Eval the achievement of current stocking goals	07/04
	F.R. T3-Eval the interaction between the Lake Oroville fishery & upstream tributary fisheries	07/04
F8	F.R. T4-Sum Report of Tasks 1, 2 & 3: Transfer of Energy and Nutrients by Ana Fish Mig.	06/04
F9	Hatchery Effects on Salmonids	
	Results of 2nd cohort analysis using additional tag recovery data	06/04
	Synthesis Report	07/04
	Final Report	08/04
F10	Evaluation of Project Effects on Anadromous Salmonids and their Habitat	
	F.R. T1A-Eval influence of Ops on F.R. attraction Flows	06/04
	F.R. T1B-Eval Influence of Ops on Attraction Water Temp	06/04
	F.R. T1D-Eval influence of Ops on Water Temp related Effects on Pre-spawning salmonid Adult Production	06/04

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Environmental-Fisheries - continued		
F10, Continued		
	F.R. T1E-Spring-run Chinook Hab Use & Spawning Status Report from Radio Tracking	04/05
	F.R. T2A-Eval Spawning & Incubation Substrate Availability & Suitability for Salmonids	06/04
	I.R. T2B(3)-Flow vs. Carcass Survey & Redd Superimposition Analysis	06/04
	F.R. T2B-Flow vs. spawning & Redd superimposition	06/04
	F.R. T2C-Eval Spawning & Incubation Substrate Availability & Suitability for Salmonids	06/04
	F.R. T2D-Eval Flow Fluctuation-related Effects on Redd Dewatering	06/04
	F.R. T3A-Relative abundance & distrib vs. hab characteristics of rearing juvenile salmonids	06/04
	F.R. T3C-Eval Proj Flow Fluctuation Effects on Juvenile Salmonid Stranding	06/04
F15	F.R. T1,2,3 Evaluation of the Feasibility to Provide Passage for Anadromous Salmonids	06/04
F21	Project Effects on Predation of Feather River Juvenile Anadromous Salmonids	
	F.R. Task 2-Fish Distribution	06/04
	F.R. Task 3-Incorporate results of Task 1 & 2	05/04
	F.R. Task 5-Describe the findings of Task 4	06/04(waiting on EWG input)
Environmental-Geomorphic		
G1	F.R. -Effects of Project Operations on Geomorphic Process Upstream of Oroville Dam-	06/04(waiting on EWG input)
G2	Effects of Project Operations on Geomorphic Process Downstream of Oroville Dam	
	D.F.R. Task 1.1-Bibliography and Index	06/04
	F.R. Task 1.2 & 4 -Physiographic Setting and Mesohabitat	06/04(waiting on EWG input)
	D.F.R. Task 2-Spawning Riffle Characteristics	07/04
	D.F.R. Task 3-Channel Cross-sections and Photography	07/04
	D.F.R. Task 5 -Dam Effects on Hydraulics and Geomorphology	07/04
	D.F.R. Task 6-Channel Meander and Bank Erosion	07/04
	D.F.R. Task 8 & 4-Summary, Conclusions and Monitoring Recommendations	07/04
Environmental-Terrestrial		
T1	Effects of Project Features and Operation on Wildlife and Wildlife Habitat	
	F.R. Effects of Project Features and Operation on Wildlife and Wildlife Habitat	06/04(waiting on EWG input)
	D.I.R. Interagency Wildlife Management Coordination Interim Report	07/04
T3/5	Riparian Resources, Wetlands, and Associated Flood plains	
	D.R.	06/04
	F.R.	06/04
T6	F.R. Interagency Wildlife Management Coordination (Note: to complete this report, the Recreation Needs Assessment Report and the Wildlife Management Plan are required.)	12/04
T7	D.F.R. Project Effects on Noxious Terrestrial & Aquatic Plant Species	05/04
T9	Recreation and Wildlife	
	D.R.	06/04
	F.R.	07/04
T10	Effects of Project Features, Operation and Maintenance on Upland Plant Communities	
	D.R.	06/04
	F.R.	06/04
Environmental-Water Quality		
W1	Project Effects on Water Quality Designated Beneficial Uses for Surface Waters	
	D.R.	07/04
	F.R.	08/04
W2	Contaminant Accumulation in Fish, Sediments, and the Aquatic Food Chain	
	D.R. Second Yr of Monitoring	02/05
	F.R. Second Yr of Monitoring	05/05

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<b>Environmental-Water Quality – continued</b>		
W3	Recreational Facilities and Operations Effects on Water Quality	
	D.R. Task 1A Identification of Potential Effects to Water Quality	06/04
	D.R. Task 1B (First Yr of Monitoring)	06/04
	D.R. Task 1B (Second Yr of Monitoring)	02/05
	D.R. Task 2 Effects of future facilities and activities	10/04
	F.R.	05/05
W5	Project Effects on Groundwater	
	D.R. Task 2	10/04
	F.R. Task 4	11/04
W6	Project Effects on Temperature Regime	
	D.R. Task 7, Existing conditions	06/04
	D.R. Task 7, Effects of future project operations	10/04
	F.R. Task 8	11/04
W7	Land and Watershed Management	
	D.R. Task 1A	06/04
	D.R. Task 1B	06/04
	D.R. Task 2	10/04
	F.R.	11/04
W9	D.R. Task 4 Project Effects on Natural Protective Process	06/04
	F.R. Task 5 Project Effects on Natural Protective Process	06/04
<b>Land Use, Land Management, &amp; Aesthetics</b>		
L1	F.R. Land Use Study	06/04
L2	F.R. Land Mgmt Study	06/04
L3	F.R. Comprehensive Plan Consistency Evaluation	05/04
L4	F.R. Aesthetic Resource Assessment	06/04
L5	F.R. Fuel-Load Management Evaluation	05/04
<b>Recreation and Socioeconomics</b>		
R3	F.R. Assess Relationship of Project Operations and Recreation	05/04
R4	F.R. Assess Relationship of Fish/Wildlife Management of Recreation	05/04
R5	F.R. Assess Recreation Area Management	06/04
R8	F.R. Carrying Capacity	06/04
R12	F.R. Projected Recreation Use	05/04
R13	F.R. Recreation Surveys	06/04
R17	F.R. Recreation Needs Analysis	06/04
R18	Recreation Activity, Spending, and Associated Economic Impacts	
	F.R. Revise Study Plan Summary Report and Prepare	05/04
R19	Fiscal Impacts	
	F.R. Revise Study Plan Summary Report and Prepare	05/04